

Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KENTUCKY, Central				
GRAYSON COUNTY --- 0.6 E LEITCHFIELD [37.48, -86.29]				
	02/22/12 17:23 CST		15K	Lightning
	02/22/12 17:23 CST		0	Source: Broadcast Media
Local media reported that lightning struck a home and started a fire near Leitchfield. The fire department was on the scene at the time of the report.				
A line of thunderstorms formed over central Kentucky during the evening of February 22nd. Lightning struck a home near Leitchfield and started a fire.				
WARREN COUNTY --- 3.0 N HADLEY [37.09, -86.62]				
	02/23/12 22:42 CST		0	Hail (1.00 in)
	02/23/12 22:42 CST		0	Source: Trained Spotter
Quarter-sized hail was reported just north of Hadley, in Warren County.				
Deep low pressure developed across Missouri the afternoon of February 23, with a warm front extending east across northern Kentucky. Scattered thunderstorms developed across central and north central Kentucky later that evening. Despite limited moisture and instability, some storms exhibited rotation and produced marginally severe hail.				
OHIO COUNTY --- CENTERTOWN [37.42, -87.00]				
	02/29/12 07:08 CST		0	Hail (1.75 in)
	02/29/12 07:08 CST		0	Source: Trained Spotter
MEADE COUNTY --- 0.7 N MIDWAY [37.96, -86.23]				
	02/29/12 08:08 EST		0	Thunderstorm Wind (EG 52 kt)
	02/29/12 08:08 EST		0	Source: Trained Spotter
A trained spotter estimated 60 mph winds. Several large branches were downed.				
MEADE COUNTY --- 0.5 W BRANDENBURG [38.00, -86.18]				
	02/29/12 08:20 EST		0	Thunderstorm Wind (EG 52 kt)
	02/29/12 08:20 EST		0	Source: Fire Department/Rescue
The Brandenburg fire department reported that a metal shed was destroyed.				
GRAYSON COUNTY --- 0.6 E LEITCHFIELD [37.48, -86.29]				
	02/29/12 08:26 CST		0	Hail (1.75 in)
	02/29/12 08:26 CST		0	Source: Trained Spotter
OLDHAM COUNTY --- BUCKNER [38.38, -85.43]				
	02/29/12 08:45 EST		0	Thunderstorm Wind (EG 52 kt)
	02/29/12 08:45 EST		0	Source: Amateur Radio
The public reported via amateur radio that several large limbs had fallen down across Kentucky State Highway 339.				
GRAYSON COUNTY --- BIG CLIFTY [37.55, -86.15]				
	02/29/12 08:50 CST		0	Hail (1.00 in)
	02/29/12 08:50 CST		0	Source: Trained Spotter
GRAYSON COUNTY --- 2.9 SSE WEST CLIFTY [37.48, -86.16], 2.3 W LAGON [37.49, -86.12]				
	02/29/12 09:42 CST		50K	Tornado (EF2, L: 2.05 mi , W: 200 yd)
	02/29/12 09:47 CST	1	0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The tornado began as a narrow tornado east of Clarkson just south of Highway 224. The storm increased in width to 200 yards and struck several single and double wide mobile homes south of Millerstown Road. All three mobile homes became airborne, with one traveling over 400 yards. One manufactured home, with a man inside, was thrown 50 feet into a tree and fence. The victim was medically airlifted to Louisville. The tornado next struck a large area of softwood and hardwood trees before striking a solid brick home just west of Horntown with the roof removed and exterior walls either damaged or destroyed. The tornado damaged the Horntown convenience store damaging the roof. During the end of the tornado's life cycle it narrowed and bounced striking several trees and knocking over several cemetery headstones, plus it uprooted 2 large trees at the Little Clifty United Methodist Church just west of Lacon. The tornado lifted in a grove of trees about 250 yards east of the church.</p>				
<hr/>				
GRAYSON COUNTY --- BIG CLIFTY [37.55, -86.15]				
	02/29/12 09:53 CST		0	Hail (1.00 in)
	02/29/12 09:53 CST		0	Source: Trained Spotter
<hr/>				
HARDIN COUNTY --- 1.6 NNE GLENDALE [37.62, -85.90], 4.0 SE ELIZABETH TOWN [37.66, -85.82]				
	02/29/12 09:55 EST		0.20M	Tornado (EF2, L: 5.00 mi , W: 250 yd)
	02/29/12 10:07 EST		0	Source: NWS Storm Survey
<p>A survey determined that an EF-2 tornado with estimated winds of 125 to 130 mph touched down near 4510 Gaither Station Road and traveled 5 miles northeast while crossing Interstate 65. After damaging a barn near its initial touchdown point, the tornado damaged some homes and knocked down many trees and fences while crossing New Glendale and Overall Phillips Roads. After crossing the interstate, it then lifted the roofs off of several homes along Wildwood Drive and Sportmans Lake Road. The tornado attained its maximum width of 250 yards while striking a trucking company. Here, it buckled many roof trusses and spread significant debris over the Lincoln Parkway into a mobile home park. Finally, the tornado destroyed a garage and damaged 3 roofs along Hodgenville Road before lifting several hundred yards east of the road.</p>				
<hr/>				
LARUE COUNTY --- 1.3 SW HODGENVILLE [37.56, -85.77], 1.5 ESE HODGENVILLE [37.56, -85.72]				
	02/29/12 11:05 EST		0.20M	Tornado (EF2, L: 2.46 mi , W: 200 yd)
	02/29/12 11:13 EST		0	Source: NWS Storm Survey
<p>A tornado touched down near Kyle Street around 2 miles west of Hodgenville. It began as a very narrow 80 yard tornado that did minor roof and shingle damage. It uprooted some cedar trees and damaged some fencing. This tornado then crossed Tanner Road and briefly lifted just west of downtown Hodgenville after staying on the ground for just less than one mile. The tornado then touched down again on the east side of Main Street near the State Farm Insurance Company and Citizen's Union Bank. At this point the tornado strengthened to an EF-2. Two cars were rotated and one was flipped onto the other in the State Farm parking lot. On Wobegone Way, the tornado widened to 200 yards and significantly damaged 3 homes, removing the roof and collapsing the exterior walls of one. After entering a wooded area near Miami Court, it narrowed and became more elevated. It damaged many roofs with the heaviest damage occurring to a day care center. As the tornado crossed State Highway 210, it uprooted numerous trees and damaged several additional buildings. It finally lifted around 80 yards east of Highway 210. The length of this second touchdown was 0.8 miles.</p>				
<hr/>				
LARUE COUNTY --- 1.3 ESE HODGENVILLE [37.56, -85.73], 2.0 E HODGENVILLE [37.56, -85.71]				
	02/29/12 11:12 EST		20K	Tornado (EF2, L: 0.89 mi , W: 100 yd)
	02/29/12 11:15 EST		0	Source: NWS Storm Survey
<p>Based upon several witnesses interviewed by a NWS Damage Survey Team, who reported seeing two different tornadoes near the Miami Court and Wobegona Way area, this tornado was determined to have developed just before an earlier one lifted to its northeast. It touched down just south of Miami Court and moved east through a wooded area. Initially, this second tornado damaged only some treetops along a path 50 yards wide. After crossing State Highway 210, it widened to 100 yards and increased in strength, damaging a working garage and two homes off of Highway 916. One well constructed home had significant damage to its exterior walls. A dumpster was thrown 75 yards and snapped a tree along its path. The tornado was rated an EF-2 at this location.</p>				
<hr/>				
HART COUNTY --- MONROE [37.23, -85.70]				
	02/29/12 12:11 CST		0	Hail (1.00 in)
	02/29/12 12:11 CST		0	Source: Trained Spotter
<hr/>				
WARREN COUNTY --- 0.9 SW BOWLING GREEN [36.97, -86.44]				
	02/29/12 12:15 CST		0	Thunderstorm Wind (EG 52 kt)
	02/29/12 12:15 CST		0	Source: Trained Spotter
<p>A trained spotter at the Western Kentucky University campus estimated a 58 mph wind gust.</p>				
<hr/>				
EDMONSON COUNTY --- 0.6 WSW CHALYBEATE [37.13, -86.24], 1.9 WSW CHALYBEATE [37.12, -86.26], 1.8 SW CHALYBEATE [37.11, -86.26], 0.9 SSW CHALYBEATE [37.12, -86.24]				
	02/29/12 12:16 CST		0	Flash Flood (due to Heavy Rain)
	02/29/12 12:30 CST		0	Source: Emergency Manager

Local emergency management reported water blocking State Highway 743 near Chalybeate.

Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MADISON COUNTY --- REDHOUSE [37.83, -84.27]				
	02/29/12 12:44 EST		0	Hail (1.75 in)
	02/29/12 12:44 EST		0	Source: Emergency Manager
METCALFE COUNTY --- 2.1 S SAVOYARD [37.09, -85.73]				
	02/29/12 12:45 CST		0	Hail (1.00 in)
	02/29/12 12:45 CST		0	Source: Trained Spotter
METCALFE COUNTY --- 0.4 NW CENTER [37.13, -85.68], 0.9 NE CENTER [37.14, -85.67]				
	02/29/12 12:47 CST		10K	Tornado (EF1, L: 0.96 mi , W: 150 yd)
	02/29/12 12:48 CST		0	Source: NWS Storm Survey
This EF-1 tornado touched down just southeast of Center, near Herbert-Hodges Road. It damaged several barns and snapped numerous trees along its path.				
WARREN COUNTY --- 0.9 SW BOWLING GREEN [36.97, -86.44], 0.9 WSW (BWG)BOWLING GREEN A [36.97, -86.44], 0.8 SSW BOWLING GREEN [36.97, -86.44], 0.8 SSW BOWLING GREEN [36.97, -86.44]				
	02/29/12 12:48 CST		0	Flash Flood (due to Heavy Rain)
	02/29/12 12:48 CST		0	Source: Broadcast Media
The Bowling Green local media reported that flooding occurred at the Westen Ave and Ashley Circle intersection.				
GREEN COUNTY --- 0.4 S GREENSBURG [37.27, -85.50], 0.4 S GREENSBURG [37.26, -85.50], 0.3 S GREENSBURG [37.27, -85.50], 0.3 S GREENSBURG [37.27, -85.50]				
	02/29/12 12:55 CST		0	Flash Flood (due to Heavy Rain)
	02/29/12 18:55 CST		0	Source: Emergency Manager
The local emergency manager reported that both Goose Creek and Bluff Boone roads were closed due to flooding. Radar estimated that around 2 inches fell within 2 hours.				
RUSSELL COUNTY --- 2.7 NNW HUMBLE [37.12, -85.08], 0.2 ESE HAPPY ACRE [37.12, -84.98]				
	02/29/12 13:22 CST		0.20M	Tornado (EF2, L: 5.80 mi , W: 150 yd)
	02/29/12 13:26 CST		0	Source: NWS Storm Survey
An EF-2 tornado touched down just north of Russell Springs west of Route 127. The complete track of the tornado was 7.2 miles across Russell and Casey Counties. It intensified east of Route 127 with the worst damage occurring along a 1.5 mile stretch from Route 76 east over Oak Grove Road to Pattie Ridge Road. On Route 76, two mobile homes were totally destroyed and a modular built home was heavily damaged and moved off its foundation. The tornado tracked for a total of 5.8 miles before crossing the border into Casey County.				
The tornado first touched down north of Russell Springs in northern Russell County west of Highway 127 where it did minor damage to trees, barns, and outbuildings. It intensified as it moved east, with the worst damage occurring along a 1.5 mile stretch from Highway 76 eastward over Oak Grove Road to Pattie Ridge Road. On Highway 76 a mobile home was destroyed and a nearby modular home was rotated 30-80 feet counterclockwise off its foundation, with a quarter of the home blown away. Two residents survived in an underground tornado shelter where they took refuge. One quarter mile east of these two homes, a modular home was completely destroyed when it became airborne and crashed to the ground 50 yards away. Residents were not home at the time of the tornado at this or any of the other homes destroyed along its path.				
On Pattie Ridge Road, another mobile home was completely destroyed along with two outbuildings. An east-facing exterior sidewall of a neighboring single-story brick home collapsed, with extensive roof damage to a large metal outbuilding at this location. Just before exiting the county, the tornado tore 80 feet of roofing off a large dairy barn and scattered debris through a nearby grove of trees.				
The tornado weakened as it moved into southern Casey County where it damaged more trees, barns, and outbuildings. The tornado lifted west-southwest of Windsor.				
RUSSELL COUNTY --- 6.0 NNE RUSSELL SPGS [37.13, -85.04]				
	02/29/12 13:22 CST		0	Hail (1.00 in)
	02/29/12 13:22 CST		0	Source: Emergency Manager
One inch hail was reported along State Highway 127 6 miles north-northeast of Russell Springs, along with debris caused by a nearby tornado.				
CASEY COUNTY --- 2.2 S PUMPKIN CHAPEL [37.12, -84.98], 1.9 WSW WINDSOR [37.12, -84.95]				

Storm Data and Unusual Weather Phenomena - February 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/29/12 14:26 EST		10K	Tornado (EF2, L: 1.38 mi , W: 150 yd)
	02/29/12 14:28 EST		0	Source: NWS Storm Survey

An EF-2 tornado that begin just north of Russell Springs in Russell County, weakened as it moved into Casey County just north of State Highway 80. While in Casey County, the twister did EF-1 damage to an outbuilding. Numerous trees were uprooted and destroyed along a 1.4 mile path in Casey County before the tornado lifted two and a quarter miles west-southwest of Windsor.

CASEY COUNTY --- ARGYLE [37.22, -84.82]

02/29/12 14:40 EST	0	Hail (1.00 in)
02/29/12 14:40 EST	0	Source: Public

Along with hail, a member of the public reported an estimated 65 mph wind gust.

CASEY COUNTY --- 1.3 WNW TEDDY [37.19, -84.97]

02/29/12 14:41 EST	0	Hail (1.00 in)
02/29/12 14:41 EST	0	Source: Emergency Manager

CASEY COUNTY --- 1.5 SSW CANTOWN [37.25, -84.93]

02/29/12 14:41 EST	0	Hail (1.00 in)
02/29/12 14:41 EST	0	Source: Emergency Manager

Low pressure deepened rapidly as it moved north into Wisconsin during the early morning hours on the 29th of February. A regional severe weather outbreak developed during the early morning hours across Kansas, southern Missouri and southern Illinois. As a squall line entered western and central Kentucky, strong low level shear allow discrete supercells to form along this line. Several tornadoes and widespread severe hail developed during the late afternoon and early morning hours.

A modular home became airborne and disintegrated upon smashing into the ground 50 yards downwind in Russell County, KY on February 29, 2012. - Photo courtesy Kem Bell and Pulaski County Sheriffs Office.